

| L Number | Hits | Search Text | DB | Time stamp |
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| - | 3744 | ((204/462) or (204/613) or (204/466) or (204/616) or (435/287.3) or (435/287.1) or (73/863) or (73/863.33) or (73/863.32) or (204/618) or (204/467) or (422/63)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/15 09:51 |
| - | 3525 | ((204/462) or (204/613) or (204/466) or (204/616) or (435/287.3) or (435/287.1) or (73/863) or (73/863.33) or (73/863.32) or (204/618) or (204/467) or (422/63)).CCLS.) and @ad<20010404 | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 09:10 |
| - | 1002 | ((204/462) or (204/613) or (204/466) or (204/616) or (435/287.3) or (435/287.1) or (73/863) or (73/863.33) or (73/863.32) or (204/618) or (204/467) or (422/63)).CCLS.) and @ad<20010404) and (computer or microprocessor) | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 13:41 |
| - | 520 | ((204/462) or (204/613) or (204/466) or (204/616) or (435/287.3) or (435/287.1) or (73/863) or (73/863.33) or (73/863.32) or (204/618) or (204/467) or (422/63)).CCLS.) and @ad<20010404) and (computer or microprocessor) and (clamp or arm or finger or jaw or robot\$2) | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 10:06 |
| - | 6 | 5587062.pn. or 9823950.did. or 0049397.did. | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 10:06 |
| - | 40 | (US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$ or US-6365024-\$ or US-6398932-\$ or US-6100026-\$ or US-61233821-\$ or US-6136173-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-5985214-\$ or US-5846395-\$ or US-5839091-\$ or US-5645800-\$ or US-5641682-\$ or US-5147522-\$ or US-4986891-\$ or US-4954237-\$).did. or (US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did. | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 10:09 |
| - | 375 | ((204/466) or (204/616)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 10:09 |
| - | 343 | ((204/466) or (204/616)).CCLS.) and @ad<20000404 | USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB | 2002/06/14 10:10 |

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| - | 336 | ((204/466) or (204/616)).CCLs.) and @ad<20000404> not ((US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$ or US-6365024-\$ or US-6398932-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-5985214-\$ or US-5846395-\$ or US-5839091-\$ or US-5645800-\$ or US-5641682-\$ or US-5147522-\$ or US-4986891-\$ or US-4954237-\$).did. or (US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did.) | USPAT; US-PGpub; EPO; JPO; DERVENT; IBM_TDB | 2002/06/14 10:10 |
| - | 0 | 20010023826.URPN. | USPAT | 2002/06/14 10:29 |
| - | 0 | 20010023826.URPN. | USPAT | 2002/06/14 10:30 |
| - | 0 | 20010015320.URPN. | USPAT | 2002/06/14 10:30 |
| - | 44 | ("3499360" "3526480" "3766047" "3767560" "3839183" "4088561" "4130470" "4169036" "4221533" "4341735" "4375401" "4391689" "4460525" "4592089" "4684613" "4704198" "4810348" "4812392" "4892639" "4909920" "4944483" "4954237" "5045164" "5073863" "5074981" "5098539" "5164065" "5164066" "5217591" "5275710" "5304292" "5348883" "5434049" "5447612" "5449446" "5507934" "5520790" "5540498" "5587062" "5589104" "5717602" "5753095" "5949899" "6064754").PN. | USPAT | 2002/06/14 10:30 |
| - | 0 | 6398932.URPN. | USPAT | 2002/06/14 10:35 |
| - | 7 | ("5356525" "5413686" "5730850" "5741412" "5885430" "5916428" "6162341").PN. | USPAT | 2002/06/14 10:36 |
| - | 0 | 6365024.URPN. | USPAT | 2002/06/14 10:43 |
| - | 6 | ("4495149" "4827780" "4908112" "4954237" "5437838" "5560811").PN. | USPAT | 2002/06/14 10:46 |
| - | 0 | 6207031.URPN. | USPAT | 2002/06/14 10:47 |
| - | 29 | ("3526480" "3766047" "3767560" "3839183" "4088561" "4130470" "4169036" "4375401" "4391689" "4460525" "4704198" "4812392" "4909920" "4944483" "4954237" "5045164" "5074981" "5164065" "5164066" "5275710" "5304292" "5447612" "5449446" "5458749" "5507934" "5520790" "5540498" "5589104" "5753095").PN. | USPAT | 2002/06/14 11:13 |
| - | 0 | 6136173.URPN. | USPAT | 2002/06/14 11:15 |
| - | 29 | ("3526480" "3766047" "3767560" "3839183" "4088561" "4130470" "4169036" "4375401" "4391689" "4460525" "4704198" "4812392" "4892639" "4909920" "4944483" "4954237" "5045164" "5074981" "5164065" "5164066" "5275710" "5304292" "5447612" "5449446" "5507934" "5520790" "5540498" "5589104" "5753095").PN. | USPAT | 2002/06/14 11:15 |
| - | 55 | ("1104891" "2375872" "3491977" "3674678" "3750989" "3882729" "3954241" "4015130" "4043639" "4130824" "4192564" "4201916" "4204767" "4222843" "4236828" "4272187" "4298796" "4306958" "4360413" "4360418" "4391689" "4501163" "4572671" "4578169" "4666578" "4672857" "4679652" "4709810" "4781464" "4790176" "4801114" "4810348" "4827780" "4844786" "4874491" "4890247" "4892639" "4909920" "4911816" "4938080" "4954237" "4955569" "4960999" "4963243" "4975173" "4986891" "4999340" "5045164" "5089111" "5090255" "5145270" "5171410" "5209831" "5460709").PN. | USPAT | 2002/06/14 11:16 |
| - | 11 | ("Re24752" "3402118" "3554894" "3635808" "3674678" "3677930" "3766047" "3888759" "4190517" "4199428" "4415418").PN. | USPAT | 2002/06/14 11:20 |

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| 55 | (US-5949899-\$ or US-5275710-\$ or US-5217591-\$ or US-4810348-\$ or US-4391689-\$ or US-4169036-\$ or US-4130824-\$ or US-4890247-\$ or US-4960999-\$ or US-5460709-\$ or US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$ or US-6342143-\$ or US-6179980-\$ or US-5865975-\$ or US-4495149-\$ or US-6064754-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$).did. or (US-6365024-\$ or US-6398932-\$ or US-4954237-\$ or US-4986891-\$ or US-5147522-\$ or US-5641682-\$ or US-5645800-\$ or US-5839091-\$ or US-5846395-\$ or US-5985214-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did. | USPAT; US-PGPUB; EPO; DERWENT | 2002/06/14 11:23 |
| 31 | ((US-5949899-\$ or US-5275710-\$ or US-5217591-\$ or US-4810348-\$ or US-4391689-\$ or US-4169036-\$ or US-4130824-\$ or US-4890247-\$ or US-4960999-\$ or US-5460709-\$ or US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$ or US-6342143-\$ or US-6179980-\$ or US-5865975-\$ or US-4495149-\$ or US-6064754-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$).did. or (US-6365024-\$ or US-6398932-\$ or US-4954237-\$ or US-4986891-\$ or US-5147522-\$ or US-5641682-\$ or US-5645800-\$ or US-5839091-\$ or US-5846395-\$ or US-5985214-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did.) and 204/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/14 11:25 |
| 1 | | USPAT; US-PGPUB; EPO; DERWENT | 2002/06/14 11:24 |
| 53 | ((US-5949899-\$ or US-5275710-\$ or US-5217591-\$ or US-4810348-\$ or US-4391689-\$ or US-4169036-\$ or US-4130824-\$ or US-4890247-\$ or US-4960999-\$ or US-5460709-\$ or US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$ or US-6342143-\$ or US-6179980-\$ or US-5865975-\$ or US-4495149-\$ or US-6064754-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$).did. or (US-6365024-\$ or US-6398932-\$ or US-4954237-\$ or US-4986891-\$ or US-5147522-\$ or US-5641682-\$ or US-5645800-\$ or US-5839091-\$ or US-5846395-\$ or US-5985214-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did.) and (gel or computer) | USPAT; US-PGPUB; EPO; DERWENT | 2002/06/14 11:25 |

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| 33 | ((US-5949899-\$ or US-5275710-\$ or US-5217591-\$ or US-4810348-\$ or US-4391689-\$ or US-4169036-\$ or US-4130824-\$ or US-4890247-\$ or US-4960999-\$ or US-5460709-\$ or US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$ or US-6342143-\$ or US-6179980-\$ or US-5865975-\$ or US-4495149-\$ or US-6064754-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$).did. or (US-6365024-\$ or US-6398932-\$ or US-4954237-\$ or US-4986891-\$ or US-5147522-\$ or US-5641682-\$ or US-5645800-\$ or US-5839091-\$ or US-5846395-\$ or US-5985214-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did. and 204/\$.ccls.) or 9823950.did. ((("1104891" "2375872" "3491977" "3674678" "3750989" "3882729" "3954241" "4015130" "4043639" "4130824" "4192564" "4201916" "4204767" "4222843" "4236828" "4272187" "4298796" "4306958" "4360413" "4360418" "4391689" "4501163" "4572671" "4578169" "4666578" "4672857" "4679652" "4709810" "4781464" "4790176" "4801114" "4810348" "4821586" "4827780" "4844786" "4874491" "4890247" "4892639" "4909920" "4911816" "4938080" "4954237" "4955569" "4960999" "4963243" "4975173" "4986891" "4999340" "5045164" "5089111" "5090255" "5145270" "5171410" "5209831" "5460709").PN.) and (clamp or arm or finger or jaw or robot\$2) and (computer or microprocessor)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/14 11:30 |
| 13 | ((("1104891" "2375872" "3491977" "3674678" "3750989" "3882729" "3954241" "4015130" "4043639" "4130824" "4192564" "4201916" "4204767" "4222843" "4236828" "4272187" "4298796" "4306958" "4360413" "4360418" "4391689" "4501163" "4572671" "4578169" "4666578" "4672857" "4679652" "4709810" "4781464" "4790176" "4801114" "4810348" "4821586" "4827780" "4844786" "4874491" "4890247" "4892639" "4909920" "4911816" "4938080" "4954237" "4955569" "4960999" "4963243" "4975173" "4986891" "4999340" "5045164" "5089111" "5090255" "5145270" "5171410" "5209831" "5460709").PN.) and (clamp or arm or finger or jaw or robot\$2) and (computer or microprocessor)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/14 11:32 |
| 9 | ((("1104891" "2375872" "3491977" "3674678" "3750989" "3882729" "3954241" "4015130" "4043639" "4130824" "4192564" "4201916" "4204767" "4222843" "4236828" "4272187" "4298796" "4306958" "4360413" "4360418" "4391689" "4501163" "4572671" "4578169" "4666578" "4672857" "4679652" "4709810" "4781464" "4790176" "4801114" "4810348" "4821586" "4827780" "4844786" "4874491" "4890247" "4892639" "4909920" "4911816" "4938080" "4954237" "4955569" "4960999" "4963243" "4975173" "4986891" "4999340" "5045164" "5089111" "5090255" "5145270" "5171410" "5209831" "5460709").PN.) and (clamp or arm or finger or jaw or robot\$2) and (computer or microprocessor)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/14 11:33 |

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| 6 | (((((US-5949899-\$ or US-5275710-\$ or US-5217591-\$ or US-4810348-\$ or US-4391689-\$ or US-4169036-\$ or US-4130824-\$ or US-4890247-\$ or US-4960999-\$ or US-5460709-\$ or US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$ or US-6342143-\$ or US-6179980-\$ or US-5865975-\$ or US-4495149-\$ or US-6064754-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$).did. or (US-6365024-\$ or US-6398932-\$ or US-4954237-\$ or US-4986891-\$ or US-5147522-\$ or US-5641682-\$ or US-5645800-\$ or US-5839091-\$ or US-5846395-\$ or US-5985214-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did.) and 204/\$.ccls.) or 9823950.did.) and (((("1104891" "2375872" "3491977" "3674678" "3750989" "3882729" "3954241" "4015130" "4043639" "4130824" "4192564" "4201916" "4204767" "4222843" "4236828" "4272187" "4298796" "4306958" "4360413" "4360418" "4391689" "4501163" "4572671" "4578169" "4666578" "4672857" "4679652" "4709810" "4781464" "4790176" "4801114" "4810348" "4821586" "4827780" "4844786" "4874491" "4890247" "4892639" "4909920" "4911816" "4938080" "4954237" "4955569" "4960999" "4963243" "4975173" "4986891" "4999340" "5045164" "5089111" "5090255" "5145270" "5171410" "5209831" "5460709").PN.) and (clamp or arm or finger or jaw or robot\$2) and (computer or microprocessor) and 204/\$.ccls.) ((US-5949899-\$ or US-5275710-\$ or US-5217591-\$ or US-4810348-\$ or US-4391689-\$ or US-4169036-\$ or US-4130824-\$ or US-4890247-\$ or US-4960999-\$ or US-5460709-\$ or US-4909920-\$ or US-4811218-\$ or US-4790919-\$ or US-5587062-\$ or US-6342143-\$ or US-6179980-\$ or US-5865975-\$ or US-4495149-\$ or US-6064754-\$ or US-6203760-\$ or US-6207031-\$ or US-6267927-\$ or US-6284459-\$ or US-6331437-\$ or US-6340588-\$ or US-6349264-\$).did. or (US-6365024-\$ or US-6398932-\$ or US-4954237-\$ or US-4986891-\$ or US-5147522-\$ or US-5641682-\$ or US-5645800-\$ or US-5839091-\$ or US-5846395-\$ or US-5985214-\$ or US-5993627-\$ or US-6060022-\$ or US-6068978-\$ or US-6071748-\$ or US-6083763-\$ or US-6086824-\$ or US-6100026-\$ or US-6123821-\$ or US-6136173-\$).did. or (US-20010015320-\$ or US-20010020588-\$ or US-20010023826-\$ or US-20010048899-\$ or US-20020009391-\$ or US-20020012611-\$).did. or (WO-9823950-\$ or US-5587062-\$).did. or (US-6064754-\$ or US-5587062-\$).did.) and (clamp or arm or finger or jaw or robot\$2) and (computer or microprocessor) | USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM_TDB | 2002/06/14 11:31 |
| 43 | USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM_TDB | 2002/06/14 11:32 | |

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| - | 9 | nova.in. and 422/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/14 14:20 |
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| - | 48 | ((bar adj code) or barcode) near (clamp or robot\$2 or grip\$3 or arm or finger) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/14 14:20 |

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| 1 | Automated system for two-dimensional electrophoresis | 204/606 | 204/451; 204/456; 204/461; 204/462; 204/467; 204/470; 204/548; 204/610; 204/613; 204/616; 204/618; 204/619; 204/620; 204/644 |
| 2 | Methods and apparatus for processing a sample of biomolecular analyte using a microfabricated device | 204/451 | 204/450; 204/452; 204/453; 204/455; 204/600; 204/601; 204/603; 204/604; 204/605; 422/100; 422/63; 422/67; 436/180 |
| 3 | Automated system for two dimensional electrophoresis | 204/470 | 204/456; 204/459; 204/461; 204/462; 204/466; 204/467; 204/606; 204/608; 204/610; 204/612; 204/613; 204/616; 204/618; 204/619; 204/620; 204/621 |
| 4 | Integrated sample-processing system | 422/100 | 422/63; 436/180; 436/43 |
| 5 | Integrated sample-processing system | 422/63 | 422/65; 422/99 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 3 | | Anderson, N. Leigh et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 6 | METHODS FOR RAPIDLY IDENTIFYING USEFUL CHEMICALS IN LIQUID SAMPLE | 422/65 | 422/100; 422/104; 422/63; 422/67; 435/288.3; 435/288.7; 436/180; 436/43; 436/47; 436/48 |
| 7 | Apparatus for preferably automatic handling and/or processing of objects | 422/63 | 422/100; 422/67 |
| 8 | Recording analyzer for electrophoretic samples | 346/33A | 204/612; 346/33B; 356/344 |
| 9 | System for loading slab-gel holders for electrophoresis separation | 425/543 | 204/620; 425/453 |
| 10 | Automated electrophoresis and staining apparatus and method | 204/457 | 204/462; 204/469; 204/608; 204/613 |
| 11 | Optical-type automatic analyzing and measuring apparatus | 422/65 | 134/170; 141/130; 204/461; 204/466; 204/606; 204/612; 204/616; 356/436; 356/442; 422/100; 422/63; 422/67; 422/99; 436/49; 73/864.11; 73/864.25 |
| 12 | Process for preparation of electrophoresis gel material | 204/616 | 264/413; 264/494; 264/495; 428/220; 430/296; 436/515; 521/149; 521/50.5; 522/3; 522/84; 522/910 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 8 | | Amos, Lynn G. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 23 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5275710 A | 19940104 | 23 |
| 24 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5458749 A | 19951017 | 14 |
| 25 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5460709 A | 19951024 | 54 |
| 26 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5514256 A | 19960507 | 21 |
| 27 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5516402 A | 19960514 | 53 |
| 28 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5534125 A | 19960709 | 22 |
| 29 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5587062 A | 19961224 | 8 |
| 30 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5587062 A | 19961224 | 8 |

| | Title | Current OR | Current XRef |
|----|--|------------|---|
| 13 | Automatic electrophoresis apparatus and method | 204/608 | 204/612 |
| 14 | Real time scanning electrophoresis apparatus for DNA sequencing | 204/461 | 204/467; 204/612; 204/619; 435/6 |
| 15 | Automatic electrophoresis apparatus and method | 204/461 | 204/612 |
| 16 | Automatic electrophoresis apparatus and method | 204/457 | 204/462; 204/608; 204/613 |
| 17 | Automatic electrophoresis apparatus | 204/608 | 204/616 |
| 18 | Scanning and storage of electrophoretic records | 250/461.1 | 204/612; 250/458.1 |
| 19 | Automatic electrophoresis apparatus and method | 204/608 | 204/613 |
| 20 | Gel electrophoresis system | 204/607 | 204/616 |
| 21 | Automatic electrophoresis apparatus and method | 204/616 | 204/608 |
| 22 | Gel electrophoresis sample applicator/retriever | 204/466 | 204/616 |
| 23 | Gel electrophoresis system including optical stage, sample applicator and sample retriever | 204/461 | 204/464; 204/612; 204/614 |
| 24 | Device and process for staining electrophoretic gels | 436/94 | 204/462; 422/99 |
| 25 | Automatic electrophoresis method and apparatus | 204/607 | 204/612; 204/641 |
| 26 | Apparatus for improved DNA sequencing | 204/464 | 204/466; 204/614; 204/616 |
| 27 | Automatic electrophoresis method and apparatus | 204/461 | 204/462 |
| 28 | DNA sequencing | 204/618 | 204/608; 204/612; 204/616 |
| 29 | Sample collecting apparatus by gel electrophoresis | 204/613 | 204/456; 204/462; 204/465; 204/608; 204/615; 204/616 |
| 30 | Sample collecting apparatus by gel electrophoresis | | |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 13 | | Sarrine, Robert J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14 | | Hunkapiller, Michael W. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 16 | | Sarrine, Robert J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17 | | Sarrine, Robert J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18 | | McKean, Ronald A. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 20 | | Gombocz, Erich A. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 22 | | Gombocz, Erich et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23 | | Gombocz, Erich A. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24 | | Stone, Edwin M. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25 | | Sarrine, Robert J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 26 | | Douthart, Richard J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27 | | Sarrine, Robert J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28 | | Middendorf, Lyle R. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29 | | Togawa, Yoshiyuki et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 30 | | TOGAWA, YOSHIYUKI et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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| 33 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5645800 A | 19970708 | 33 |
| 34 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5646388 A | 19970708 | 16 |
| 35 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5839091 A | 19981117 | 43 |
| 36 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5846395 A | 19981208 | 55 |
| 37 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5865975 A | 19990202 | 19 |
| 38 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5949899 A | 19990907 | 11 |
| 39 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5985214 A | 19991116 | 64 |

| | Title | Current OR | Current XRef |
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| 31 | Molecular sample fraction e.g. DNA or protein collecting appts. for gel electrophoresis appts. - has automatic 3=D drive which is moved by controller to move cutting tool to cut out specified part of gel | | |
| 32 | Apparatus and method for automatically processing dried blood spots in HIV-1 testing | 436/43 | 422/63; 422/65; 422/66; 422/67; 436/46; 436/48; 436/50; 436/55; 436/63 |
| 33 | Specimen processing and analyzing systems with associated fluid dispensing apparatus | 422/65 | 422/100; 422/104; 422/63; 435/809; 436/180; 436/43; 436/49 |
| 34 | Systems and methods for recording data | 235/380 | 382/309 |
| 35 | Method and apparatus for automatic tissue staining | 702/19 | 422/63; 422/67; 422/99 |
| 36 | Automatic electrophoresis method and apparatus | 204/461 | 204/456; 204/466; 204/606; 204/612; 204/616; 250/252.1 |
| 37 | Automatic protein and/or DNA analysis system and method | 204/618 | 204/466; 204/467; 204/616 |
| 38 | Apparatus for measuring and analyzing electrophoresis images | 382/129 | 204/457; 204/608; 204/612; 700/266 |
| 39 | Systems and methods for rapidly identifying useful chemicals in liquid samples | 422/65 | 422/63; 422/66; 422/67; 700/112; 700/214 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 31 | | MIURA, M et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 32 | | Pagels, William et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 33 | | Masterson, Brian K. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 34 | | D'Entremont, William et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 35 | | Rhett, Norman K. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 36 | | Sarrine, Robert J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 37 | | Bishop, Robert | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 38 | | Ng, David | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 39 | | Stylli, Chari et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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| 44 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6064754 A | 20000516 | 16 |
| 45 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6068978 A | 20000530 | 52 |

| | Title | Current OR | Current XRef |
|----|--|------------|---|
| 40 | Automated system for two-dimensional electrophoresis | 204/456 | 204/466; 204/470; 204/606; 204/610; 204/616; 204/620; 264/299; 425/117; 425/449; 435/287.3 |
| 41 | Automated test system for electronic devices | | |
| 42 | Automated sample processing system including automatic centrifuge device | 422/65 | 422/63; 422/67; 422/72; 436/43; 436/45; 436/47; 436/48; 436/50; 494/10 |
| 43 | Proteomics appts. for identifying and characterising proteins in biological samples - generates two dimensional array by separating biomolecules in complex structure using computer | | |
| 44 | Computer-assisted methods and apparatus for identification and characterization of biomolecules in a biological sample | 382/129 | 382/153 |
| 45 | Apparatus and method for transfer of a fluid sample | 435/6 | 422/141; 422/145; 422/146; 422/149; 422/50; 422/61; 422/63; 422/68.1; 422/81; 422/99; 435/808; 435/91.1; 435/91.2 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 40 | | Anderson, N. Leigh et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 41 | | CRAWFORD, R J et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 42 | | Pang, Wing S. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 43 | | AMESS, R et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 44 | | Parekh, Rajesh Bhikhu et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 45 | | Zaun, Peter et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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| 48 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6086824 A | 20000711 | 39 |
| 49 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6100026 A | 20000808 | 89 |

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| 46 | Light detection device | 436/174 | 250/459.1; 250/491.1; 356/317; 356/318; 356/417; 422/104; 422/52; 422/63; 422/65; 422/82.05; 422/82.08; 436/164; 436/43; 436/807; 436/809 |
| 47 | Multiplexed molecular analysis apparatus and method | 436/518 | 422/105; 422/112; 422/62; 422/63; 422/67; 422/68.1; 422/81; 435/286.1; 435/286.5; 435/286.6; 435/6; 436/43; 436/50; 436/524; 436/525; 436/527; 436/531 |
| 48 | Automatic sample testing machine | 422/65 | 422/63; 422/64; 422/67; 422/81; 436/179; 436/180; 436/47; 436/48; 436/49 |
| 49 | Matrices with memories and uses thereof | 435/6 | 422/119; 422/58; 422/68.1; 435/287.1; 435/287.2; 435/288.1; 435/288.3; 435/7.1; 435/7.2; 435/7.3; 435/7.4 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 46 | | Modlin, Douglas N. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 47 | | Balch, William J. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 48 | | Fanning, Mark Joseph et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 49 | | Nova, Michael P. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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| 51 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6136173 A | 20001024 | 32 |
| 52 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6179980 B1 | 20010130 | 7 |
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| | Title | Current OR | Current XRef |
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| 50 | Automated system for two-dimensional electrophoresis | 204/456 | 204/470; 204/616; 204/617; 204/620; 264/299; 425/117; 435/287.3 |
| 51 | Automated system for two-dimensional electrophoresis | 204/461 | 204/462 |
| 52 | Clamp for electrophoresis systems | 204/616 | 204/618; 425/451.9 |
| 53 | Autosampler having gripper with shape memory metal actuator | 422/104 | 422/63; 422/64; 422/99; 436/43 |
| 54 | Methods and apparatus for processing a sample of biomolecular analyte using a microfabricated device | 204/451 | 204/450; 204/452; 204/453; 204/455; 204/600; 204/601; 204/603; 204/604; 204/605; 422/63; 422/67 |
| 55 | Apparatus for performing laboratory tests automatically | 422/65 | 422/100; 422/63; 422/64; 422/82.05; 436/164; 436/174; 436/180; 436/43; 436/47; 436/48 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 50 | | Anderson, N. Leigh et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 51 | | Anderson, N. Leigh et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 52 | | Aksberg, Arvi | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 53 | | van der Plaats, Gosse et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 54 | | Adourian, Aram S. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 55 | | Pomar Longedo, Pere et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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| 60 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6342143 B1 | 20020129 | 13 |
| 61 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6349264 B1 | 20020219 | 43 |
| 62 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6365024 B1 | 20020402 | 47 |
| 63 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6390371 B1 | 20020521 | 18 |

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| 56 | Solid support matrices with memories and combinatorial libraries therefrom | 435/6 | 422/68.1; 435/287.1; 435/287.2; 435/288.1; 435/288.3; 435/288.4; 435/7.1; 436/501; 436/519; 436/520; 436/527; 436/533; 436/534; 436/535; 530/350; 530/354 |
| 57 | Optical scanner adapted for direct interfacing to a data communications network | 235/462.01 | 235/462.15 |
| 58 | Automatic handler for feeding containers into and out of an analytical instrument | 436/43 | 422/102; 422/63; 422/65; 436/47 |
| 59 | Matrices with memories | 435/287.1 | 435/287.2; 435/288.1; 435/288.3; 435/288.4; 435/288.7; 530/300; 530/334; 530/350; 536/23.1; 536/24.3; 536/25.3 |
| 60 | Cutting tool for multiple sample retrieval from gelatinous material | 204/462 | 204/466; 204/613; 204/616; 435/287.1 |
| 61 | Method and apparatus for automatic tissue staining | 702/19 | 422/63; 422/67; 702/31 |
| 62 | Motorized positioning apparatus having coaxial carousels | 204/604 | 204/451; 204/453; 204/601; 422/63; 422/64 |
| 63 | Method and system for displaying information uniformly on tethered and remote input devices | 235/472.01 | 345/2.2 |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
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| 56 | | Nova, Michael P. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 57 | | Kolis, George et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 58 | | Cohen, Beri et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 59 | | Nova, Michael P. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 62 | | Li, Qingbo et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 63 | | Armga, Dave et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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| 56 | US 6284459 | <input type="checkbox"/> |
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| 64 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6398932 B1 | 20020604 | 33 |
| 65 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | WO 200156753 A | 20010814 | 19 |
| 66 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | WO 9823950 A1 | 19980604 | 41 |

| | Title | Current OR | Current XRef |
|----|---|------------|-------------------------------------|
| 64 | Automated system for two-dimensional electrophoresis | 204/462 | 204/613; 435/287.1; 435/287.3 |
| 65 | Robotic arm for manipulating sample carrier, e.g. microtiter plate, includes barcode reader | | |
| 66 | GELS, METHODS AND APPARATUS FOR IDENTIFICATION AND CHARACTERIZATION OF BIOMOLECULES | | |

| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 |
|----|----------------------|---------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 64 | | Anderson, N. Leigh et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 65 | | BEVIRT, J et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 66 | | PAREKH, RAJESH BHIKHU et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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